

SYSTEM **P**LANNING & **A**NALYSIS **R**EPORT

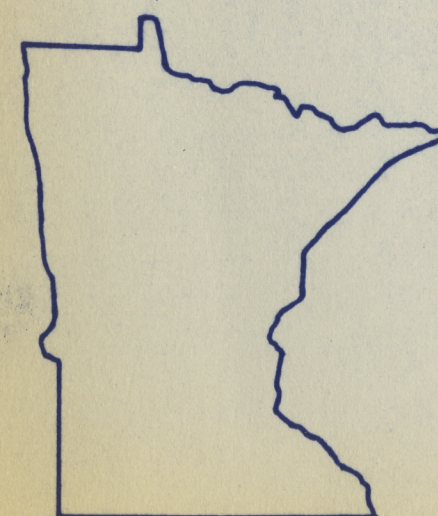
S-90

T. H. 94
FROM T. H. 152 TO T. H. 169

S. P. 2786

APRIL, 1972

PREPARED BY
OFFICE OF SYSTEM PLANNING



**MINNESOTA
DEPARTMENT
OF HIGHWAYS**

DEPARTMENT HIGHWAY - Statewide Planning
Room 807 - Ext. 3158

Office Memorandum

TO : Paul G. Velz
Road Design Engineer

DATE: April 3, 1972

FROM : Morris Gildemeister, Chief
Statewide Planning Section

SUBJECT: T.H. 94 from T.H. 152 to T.H. 169
S.P. 2786
System Planning & Analysis Report S-90

This report was requested on January 17, 1972 by R.D. McAtee for D. Brown. It is the vehicle type distributions for the 1985 ADT in SPAR M-83 which was transmitted on January 31, 1972 by the Metropolitan Planning Section.

The ratios of system 14 HC ADT and ADT for the project were applied to the 1985 ADT in SPAR M-83 to produce the 1985 HC ADT in the attached report. The results were distributed by vehicle type according to data obtained from appropriate classification counts.

On page 2 is a map showing the general location of the project. On page 3 through 7 are tabulated the requested vehicle type distributions for segments defined on the map at the back of the book.

Morris Gildemeister

Morris Gildemeister, Chief
Statewide Planning Section

MOH

STATE OF MINNESOTA
DEPARTMENT OF HIGHWAYS
WORK MAP



TRAFFIC ESTIMATE DATA

DESIGN YEAR 1985 PART 1 OF 5

FOR

T.H. 94 S.P. 2786 LENGTH - MILESCOUNTY Hennepin LOCATION T.H. 152 to T.H. 169

BASED ON

1985 ADT FROM TRAFFIC ANALYSIS UNIT

SHOWING

TOTAL ADT ON SEGMENTS 1 THROUGH 11 AS

DEFINED ON ATTACHED INDEX MAP

VEHICLE # TYPE	SEGMENT NUMBER										
	1	2	3	4	5	6	7	8	9	10	11
0	25017	4548	5313	4731	582	15930	11382	11964	9037	13818	20469
1	525	64	75	68	7	296	232	239	229	297	461
2	272	33	39	37	2	112	79	81	160	197	239
3	38	20	24	23	1	43	23	24	15	18	18
4	69	24	28	26	2	78	54	56	21	17	45
5	511	40	46	43	3	183	143	146	328	371	471
6	118	21	25	22	3	108	87	90	10	32	97
TOTAL ADT	26550	4750	5550	4950	600	16750	12000	12600	9800	14750	21800
TOTAL H. COMM. ADT	1533	202	237	219	18	820	618	636	763	932	1331
TOTAL DHV											
DIRECTIONAL DISTRIBUTION											

* VEHICLE TYPE CODE

0 = PASSENGER CARS AND 4 TIRE TRUCKS
 1 = SINGLE UNIT-2 AXLE-6 TIRE TRUCKS
 2 = SINGLE UNIT-3 AXLE TRUCKS
 3 = TRACTOR-TRUCK OR SEMI-TRAILER- 3 AXLES
 4 = TRACTOR-TRUCK OR SEMI-TRAILER - 4 AXLES
 5 = TRACTOR-TRUCK OR SEMI-TRAILER - 5 AXLES
 6 = BUSES AND TRUCKS WITH TRAILERS

TRAFFIC ESTIMATE DATA

DESIGN YEAR 1985 PART 2 OF 5

FOR

T.H. 94 S.P. 2786 LENGTH - MILESCOUNTY Hennepin LOCATION T.H. 152 to T. H. 169

BASED ON

1985 ADT FROM TRAFFIC ANALYSIS UNIT

SHOWING

TOTAL ADT ON SEGMENTS 12 THROUGH 22 AS

DEFINED ON ATTACHED INDEX MAP

VEHICLE # TYPE	SEGMENT NUMBER										
	12	13	14	15	16	17	18	19	20	21	22
0	25782	5170	6799	6080	11437	17517	963	7159	1914	5245	1197
1	536	73	96	86	223	309	20	158	48	110	30
2	278	38	50	45	74	119	2	24	7	17	4
3	42	23	30	27	39	66	1	9	2	7	1
4	73	27	35	31	46	77	-	8	2	6	1
5	517	45	59	53	203	256	1	6	2	4	1
6	122	24	31	28	78	106	13	86	25	61	16
TOTAL ADT	27350	5400	7100	6350	12100	18450	1000	7450	2000	5450	1250
TOTAL H. COMM. ADT	1568	230	301	270	663	933	37	291	86	205	53
TOTAL DHV											
DIRECTIONAL DISTRIBUTION											

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 5 = TRACTOR-TRUCK OR SEMI-TRAILER - 5 AXLES
 6 = BUSES AND TRUCKS WITH TRAILERS

TRAFFIC ESTIMATE DATA

DESIGN YEAR 1985 PART 3 OF 5

FOR

T.H. 94 S.P. 2786 LENGTH - MILES
COUNTY Hennepin LOCATION T.H. 152 to T.H. 169

BASED ON

1985 ADT FROM TRAFFIC ANALYSIS UNIT

SHOWING

TOTAL ADT ON SEGMENTS 23 THROUGH 33 AS
DEFINED ON ATTACHED INDEX MAP

VEHICLE * TYPE	SEGMENT NUMBER										
	23	24	25	26	27	28	29	30	31	32	33
0	6442	5479	2408	1683	1203	4091	4810	3796	10358	5010	6633
1	140	120	49	35	25	84	102	85	151	103	144
2	21	19	8	6	4	14	17	13	95	15	21
3	8	7	3	3	2	6	7	4	57	6	8
4	7	7	2	1	1	3	4	6	69	5	6
5	5	4	2	2	1	4	5	2	250	3	5
6	77	64	28	20	14	48	55	44	20	58	83
TOTAL ADT	6700	5700	2500	1750	1250	4250	5000	3950	11000	5200	6900
TOTAL H. COMM. ADT	258	221	92	67	47	159	190	154	642	190	267
TOTAL DHV											
DIRECTIONAL DISTRIBUTION											

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6 = BUSES AND TRUCKS WITH TRAILERS

TRAFFIC ESTIMATE DATA

DESIGN YEAR 1985 PART 4 OF 4

FOR

T.H. 94 S.P. 2786 LENGTH - MILES
COUNTY Hennepin LOCATION T.H. 152 to T.H. 169

BASED ON

1985 ADT FROM TRAFFIC ANALYSIS UNIT

SHOWING

TOTAL ADT ON SEGMENTS 34 THROUGH 44 AS
DEFINED ON ATTACHED INDEX MAP

VEHICLE * TYPE	SEGMENT NUMBER										
	34	35	36	37	38	39	40	41	42	43	44
0	5670	11321	16991	9917	9910	25255	947	3325	10523	34831	27633
1	124	171	295	173	230	520	19	70	219	720	571
2	19	97	116	20	31	271	7	21	68	332	285
3	7	58	65	9	15	57	2	7	26	81	62
4	6	69	75	9	11	63	4	13	60	119	72
5	4	251	255	7	8	574	14	47	121	681	607
6	70	33	103	115	145	110	7	17	83	186	120
TOTAL ADT	5900	12000	17900	10250	10350	26850	1000	3500	11100	36950	29350
TOTAL H. COMM. ADT	230	679	909	333	440	1595	53	175	577	2119	1717
TOTAL DHV											
DIRECTIONAL DISTRIBUTION											

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5 = TRACTOR-TRUCK OR SEMI-TRAILER - 5 AXLES
6 = BUSES AND TRUCKS WITH TRAILERS

TRAFFIC ESTIMATE DATA

DESIGN YEAR 1985 PART 5 OF 5FORT.H. 94 S.P. 2786 LENGTH - MILESCOUNTY Hennepin LOCATION T.H. 152 to T.H. 169BASED ON1985 ADT FROM TRAFFIC ANALYSIS UNITSHOWINGTOTAL ADT ON SEGMENTS 45 THROUGH 51 AS

DEFINED ON ATTACHED INDEX MAP

VEHICLE # TYPE	SEGMENT NUMBER										
	45	46	47	48	49	50	51				
0	38156	14326	13379	11001	20577	10054	32541				
1	790	294	275	224	424	205	663				
2	353	94	87	73	134	66	215				
3	88	31	29	24	48	22	72				
4	132	69	65	56	112	52	168				
5	728	184	170	137	244	123	390				
6	203	102	95	85	161	78	251				
TOTAL ADT	40450	15100	14100	11600	21700	10600	34300				
TOTAL H. COMM. ADT	2294	774	721	599	1123	546	1759				
TOTAL DHV											
DIRECTIONAL DISTRIBUTION											

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5 = TRACTOR-TRUCK OR SEMI-TRAILER - 5 AXLES

6 = BUSES AND TRUCKS WITH TRAILERS

← To T.H. 152

①
26550
TH 94
26550
①

Xerxes Ave. N.

County Road 10

T.H. 100

③⑥
17900
17900
③⑥

Shingle Creek Pkwy.
5400
5400
⑬

Earl Brown Conn.

Humboldt Ave. N.

Du Pont Ave. N.

57th Ave. N.

